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EXHIBITION OF AGRICULTURAL PRODUCTS AND MACHINERY IN HUNGARY

The 1955 National Agricultural Fair for exhibiting agricultural products and machinery was held in Budapest 3-20 September 1955, according to a catalogue published for the fair. This report presents a description of the catalogue and a list of agricultural machines and equipment exhibited at the fair by Hungary, Czechoslovakia, and East Germany. The 275-page catalogue, Országos Mezőgazdasági Kiállítás Katalógusa, was compiled by Andras Biro and published in Budapest on 3 September 1955.

Description of Catalogue

The catalogue covers all phases of agricultural production and lists all agricultural products exhibited during the 1955 fair. It is primarily a guide-book giving the locations where the various products were exhibited.

The publication gives general information pertaining to improvements made in the various branches of agriculture. It lists and discusses agricultural improvement and production under the headings of plant production, forestry, animal husbandry, and mechanization.

Under plant production, brief reference is made to the methods employed for increasing production. The names of state farms, producer cooperatives, and independent farmers with outstanding records in production are listed, as well as the yield of crops per cadastral yoke which the various producers obtained.

Under forestry, a general description is given of the activities of the various forestry services. Reference is made to the progress made in afforestation and the mechanization of the forestry service. The machines being utilized by the forestry service are listed.

Under animal husbandry, all types of livestock exhibited by state farms, producer cooperatives, and independent farmers are listed. Detailed data, including breed, age, etc. are given on the various types of livestock, and the names of the exhibitors are listed. Information is given on the variety of cattle which makes up the bulk of Hungary's horned cattle stock.

Under mechanization, a general description is given of the progress which has been made in the mechanization of agriculture. Figures are given on the number of agricultural machines turned over to agriculture during the First Five-Year Plan, and percentage figures are given on the amount of mechanization to be attained during the Second Five-Year Plan.

The catalogue also contains a list of members of the various committees connected with the exhibition. The organizational affiliation of committee members is indicated, thus providing a considerable amount of information on agricultural organizations in Hungary.

He listed in the catalogue, agricultural machines and equipment exhibited by the Hungarian Ministry of Metallurgy and Machine Industry and by Czechoslovakia and East Germany are as follows.

Machines Exhibited by Hungarian Ministry of Metallurgy and Machine IndustryPower Machines

- GS-35 tractor
- GL-35 crawler tractor with 300 mm wide tracks
- GL-35 crawler tractor with 200 mm wide tracks

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TD-413 crawler diesel tractor
 Zetor K-25 tractor
 M-25 universal tractor
 M-18 universal tractor
 MIA motor
 MIB motor
 JMC-130 II motor
 125 cm³ motorcycle
 250 cm³ motorcycle
 D-350 motor truck
 D-350 flat dump truck
 Box dump truck

Soil Cultivating and Soil Preparing Machines

TE-330 tractor-drawn plow
 TEA-430 subsoil loosening plow
 TH stubble stripping attachment (mounted on TE-330 plow)
 ET one-way disk
 CE irrigation ditch plow
 OT side disk
 TB-36 x 18 x-shaped disk
 TB-36 x 18 x-shaped disk converted to a v-shape
 D-6-KN light, single-share animal-drawn plow
 KE-5 double-share animal-drawn plow
 4-A-WP light, single-share, animal-drawn plow
 5-A-S medium-weight single-share, animal-drawn plow
 A-Mark heavy harrow, single section
 A-Mark heavy harrow, two sections
 A-Mark heavy harrow, three sections
 C-Mark seed-covering harrow, two sections
 C-Mark seed-covering harrow, three sections
 KSH light smooth roller
 H-1 ring roller
 VH ring roller for preparing water ditches
 "Kolbay" ring roller

Manure Spreaders

2-ML artificial fertilizer spreader
 3-ML artificial fertilizer spreader

Sowing Machines

30-row sowing machine
 UTVC 48-row sowing machine
 UFTT 48-row sowing machine
 KTV 24-row combined tractor sowing machine
 12-row animal-drawn sowing machine
 13-row "Buzakalas" sowing machine
 14-row animal-drawn sowing machine
 16-row animal-drawn sowing machine
 BU-2 potato planter

Plant Cultivating and Protecting Machines

SFC winch-drawn universal vineyard cultivator
 SF vineyard covering plow
 ZK cultivator
 Hydraulic attachment for tractor

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KK spoked hoe
 KT-5 horse hoe "Ditta"
 One-wheeled push-type hoe
 "Ideal" horse hoe
 D-3-beet hoe "Deyl hoe"
 "Plantage" horse hoe
 GP plant protection duster
 "Rapidtox" sprayer-duster

Harvesting Machines

AC-400 binder-thresher combine with chaff blower and attached straw
 wagon
 ACL-400 crawler-type rice binder-thresher combine
 Sunflower harvesting equipment for AC-400 binder-thresher combine
 AB-409-binder-thresher combine with cutter adjuster (identical with AC-
 400)
 KA-8 binder
 KA-8 binding mechanism
 AC-400 gear of AC-400 binder-thresher combine
 RS-2 sugar beet puller
 ZR-3 beet loosener
 BS-2 potato digger
 LG horse rake
 SR-II windrower
 SzJS-1,8 mobile hay cutter (silo combine)
 HFK-6' grass mower
 ES-42' threshing machine for clover
 RS-42' threshing machine with electric drive
 U. hay stacker
 RC-42' rice threshing drum

Forage Processing Machines

NBT high-capacity ensilage machine
 CCX hay chopper
 AD-6 hand hay chopper (wooden frame)
 AD-6 hand hay chopper (metal frame)
 TS-10 hay chopper (hand or machine drive)
 TEL hand corn sheller
 TFW corn sheller with metal cover
 THF corn sheller with wood cover
 TCM machine-driven corn sheller
 MO-4 machine-driven corn sheller
 DR beet chopper
 KG-1 beet chopper
 RV beet chopper
 RM beet chopper
 TD-3 grinder
 D-12 hammer grinder
 D-24 hammer grinder
 "Furge" hand grinder
 "Beke" table hand grinder

Granary Machines

GR grain sifter ("Kalmar" sifter)
 GSZ hand blower sifter
 GSR machine-driven blower sifter
 L. seed grain duster

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RT beet seed cleaner ("Purifix")
 Spiral separator (for beans, peas, vetch, etc.)
 Cylindrical separator (for the separation of round kernels from the grain)
 ES silver selector
 Grain turners
 BM combined wheat washing machine III

Other Machines

3-ton trailer
 8-passenger house trailer
 15-meter conveyer belt
 9-meter conveyer belt
 Rope pulley with stand
 Hand pulley block
 500-kilogram electric pulley block
 One-ton electric pulley block
 2-ton electric pulley block
 MF agricultural hoist
 Single-section garden roller
 DH-250/800 double roller frame
 S-I grape crusher
 S-II grape crusher
 12-liter fruit press
 BS-60-liter wine press
 BS-85-liter wine press
 BS-115-liter wine press
 BS-175-liter wine press
 BS-325-liter wine press
 GZf. fruit crusher
 Hydraulic wine press
 TS milk separator
 FG milking machine
 Valve-type water bowls
 Hand-operated liquid manure pump
 "Hortobagy" pump
 50-liter tipping kettle
 75-liter tipping kettle
 100-liter tipping kettle
 200-liter tipping kettle

Machines Exhibited by Czechoslovakia

Tractors

Zetor 25 A
 Zetor 25 K
 Zetor super

Agricultural Machines

PT 10 crawler-type tractor (10 hp)

Accessories

Spraying equipment for the PT 10
 Plow for the PT 10
 PF 6 "Motorobot"
 F 651 soil cutter

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Soil-drilling equipment
 PV 81 trailer
 PP 22 auxiliary frame
 Z 151 grass mower
 VCM "Cambridge" roller
 "Robella" hoe
 SZ 210 haymaker and windrower
 "Prim" harvester
 "Toron" hay drying equipment
 MA 90 threshing machine
 TLZ 120 flax pulling machine
 RV 42 hay chopping machine
 SRZ 42 silo combine
 LV 5 binder-thresher combine
 "Heros" 138-centimeter grass mower
 RMT 3 manure spreader
 H 303 animal-drawn wagon
 "Vertex" hay turner
 SK 4 four-row potato planter
 SK 36 grinder
 "Kuli" hay gatherer
 Apicultural equipment
 FT 900 sprayer
 Scythe sharpener
 Distilling equipment
 "Skem" sugar-beet combine
 "Pek" No 2 potato digger
 Potato washer
 Potato mashing machine
 LSK 130 baling machine
 FTP 2 1/2-ton manure wagon
 KN 170 P cultivator
 SUBZ 7.5 sowing machine (35 row/3 meter)
 KPN 6 hoe (6 row)
 PN 532 plow (5 shares)
 PDZ 17 stubble-stripping disk
 "Radikal" plow-hoe
 TDBT 5 A harrow
 SPZ "Plantazs" plow

Machines Exhibited by East Germany

K 115 threshing machine
 K 141 threshing machine
 T 317 ballon-wheeled hay and straw press
 T 242 collecting press equipped with windrower
 E 231 windrower
 Motor-equipped liquid manure pump with water tank
 Diaphragm pump with water tank
 K 119 threshing machine
 E 091 grass mower cutter-frame
 Binder-thresher combine
 Hayloader
 RS 15 grass mower with tractor
 Watering bowl
 Binder
 Seed-grain cleaner with seed dresser
 1,500-kilogram-capacity seed-grain dryer
 Dryer operated with cold air
 "Cyklop" winnower

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Magnetic seed-grain cleaner
 45-liter milk centrifuge
 75-liter milk centrifuge
 S 511 animal-drawn duster
 100-liter sprayer on cart
 3-liter hand sprayer
 All-purpose cultivator for RS04/30, tractor
 K 15 "Kombinator"
 Sprayer and duster for RS04/30, with tractor
 S 881 duster-sprayer
 2-meter animal-drawn row planter
 1 F 111 hay chopper
 Grass mower with swivel wheel support
 Twin-cone beet chopper
 Spiked roller
 Spiked roller with soil packer
 Subsoil packer
 "Cambridge-Croscill" roller
 Beet masher
 Beet slicer
 Potato digger
 Slanting conveyer belt
 Universal conveyer belt
 B 324 four-section tractor harrow
 R 48 fodder shredder
 8501 portable duster
 8502 portable duster
 8510 grape sprayer
 8526 sprayer without a tank
 Soil cutter
 Motor-driven hoe
 DZ 20 two-share tractor plow
 DZ 25 three-share tractor plow
 DZ 30 two-share tractor plow
 DZ 30 four-share tractor plow
 DE 16 U five-share tractor plow
 CZ 12 MO tractor plow
 "Veit" 6 RU animal-drawn plow
 "Isegrim" 6 RU mounted plow
 QW jointer plow
 NW 5 reversible plow
 UL 200 weeder
 UNI 200 weeder
 DSS 24 two-row disk harrow
 DSL 33 two-row disk harrow
 C u/4 subsoil loosener
 R 7 tractor cultivator
 S 612 motor-driven duster
 V 22 all-purpose cultivator
 2.5-meter "Wilmo" artificial-fertilizer spreader
 "Berger"-type coupler with steel cable
 RS 30 plow
 Reversible plow
 Two-row potato planter
 KS 07 crawler tractor, 60 hp "Urtrak"
 40-horsepower "Pionir" tractor
 RS 04 30-horsepower tractor
 03/15 "Maulwurf" transport wagon
 One set of forestry tools
 Ripsaws

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One set of pruning clippers, long-handled clippers, grafting knife, tree
trimming saw, and bucksaw
One set of pruning knives
4350 and 4356 aluminum hand sprayers
436 A hand duster
100-kilogram sacking scale
20-kilogram graduated scale
N 10 HfS liquid fire-extinguishing equipment
T1 L/s "Tetra" fire-extinguishing equipment
T2 L/s "Tetra" fire-extinguishing equipment
EB 100 electric chain saw
Dairy testing equipment
CZA 3 oil separator
MZ 75 milk separator
RU F-B milk separator
Rotary hand pump
Piston hand pump
Household plumbing equipment

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